

## 1-16. (CANCELED)

17. (NEW) A device for the hydraulic control of a continuously variable automatic transmission, comprising a forward/reverse drive unit (4), which is shifted by means of at least one first and one second shifting component (5, 6), the first and second shifting components (5, 6) are pressurized by means of at least two valves (7, 8, 17, 18, 20, 21) via a pressurized medium pump (9), and with a gear selector device (15), with which selection may be made among at least one forward gear (D), one neutral gear (N), and one reverse gear (R), and which is mechanically connected to a control unit (14), for selection of the gears, the control unit (14) possesses a non-mechanical connection (32) for actuation of the valves (7, 8, 17, 18, 20, 21), a first valve (7), which is pressurized with system pressure, is controlled via a first pressure regulator valve (10) and adjusts pressure with which the first and second shifting components (5, 6) are pressurized, along with at least one other valve (8, 17, 18) that selects which of the first and second shifting components (5, 6) will be pressurized with an output pressure of the first valve (7), the device further comprises a third and fourth valve (17, 18) which are used to select whether the first and second shifting components (5, 6) that are connected in series in each case shall be pressurized with the output pressure of the first valve (7), a brake is pressurized via the third valve (17) and a clutch is pressurized via the fourth valve (18), and furthermore the fourth valve (18) is additionally controlled by means of a third pressure regulator valve (19), the third pressure regulator valve (19), which controls the fourth valve (18), also controls a further consumer (1), and in that the third and fourth valves (17, 18) are controlled via the first solenoid valve (11).

18. (NEW) The device according to claim 17, wherein the pressurized medium pump (9) forces pressurized medium directly onto at least a fifth and a sixth valve (20, 21), which are controlled by means of one of the first pressure regulator valve (10), a fourth or a fifth pressure regulator valve (22, 24), and the first and second shifting components (5, 6) pressurize the forward/reverse drive unit (4).

19. (NEW) The device according to claim 18, wherein the first shifting component (5) is a brake, which is pressurized in the reverse gear (R), and the second shifting component (6) is a clutch, which is pressurized in the forward gear (D).

20. (NEW) The device according to claim 19, wherein the fifth valve (20) is controlled by means of the fifth pressure regulator valve (24) only when the reverse gear (R) is selected, if a different gear is selected the fifth pressure regulator valve (24) controls another consumer (3) that represents the supply of pressure to a hydraulic start-up element, and the selection, which triggers consumers (2, 3) of the fifth pressure regulator valve (24), is controlled via a seventh valve (25).

21. (NEW) The device according to claim 20, wherein an eighth valve (26) is provided, which is positioned between the fifth or sixth valve (20, 21) and the first and second shifting components (5, 6), and which determines whether either one of the first and second shifting components (5, 6) will be pressurized, or both shifting components (5, 6) will be evacuated, the eighth valve (26) is controlled by means of a sixth pressure regulator valve (27).

22. (NEW) The device according to claim 21, wherein the sixth pressure regulator valve (27) controls another consumer (1).

23. (NEW) The device according to claim 22, wherein the other consumer (1) corresponds to a V-pulley of a variable speed gear.